

Datasheet for 500-301-U96**hSNF2H Antibody****Overview**

Description:	Anti-hSNF2H (MOUSE) Monoclonal Antibody - 500-301-U96
Item No.:	500-301-U96
Size:	100 µL
Applications:	WB
Reactivity:	H. sapiens (Human)
Host Species:	Mouse

Product Details

Background:	Complexes containing Snf2h (SMARCA5) are capable of forming ordered nucleosome arrays on chromatin in vitro (may require intact histone H4 tails). SNF2h is also required for replication of pericentric heterochromatin in S-phase, specifically in conjunction with BAZ1A. Snf2h probably also plays a role in repression of polI dependent transcription of the rDNA locus, through the recruitment of the SIN3/HDAC1 corepressor complex to the rDNA promoter. Snf2h is a catalytic subunit of the four known chromatin-remodeling complexes: CHRAC, RSF, ACF/WCRF, and WICH. Each complex contains subunits which may regulate the specificity or catalytic activity of SMARCA5. Snf2h possesses intrinsic ATP-dependent nucleosome remodelling activity. Anti-hSNF2H Antibody is ideal for research in Chromatin Remodeling, Epigenetics and Gene Expression.
Synonyms:	mouse anti-hSNF2H Antibody, mouse anti-SNF2H Antibody, mouse anti-Sucrose nonfermenting protein 2 homolog antibody, SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5, SWI/SNF-related matrix-associated actin-dependent regulator of chromatin A5, Sucrose nonfermenting protein 2 homolog
Host Species:	Mouse
Clonality:	Monoclonal
Format:	ASCITES

Target Details

Gene Name:	SMARCA5
Reactivity:	H. sapiens (Human)

Immunogen Type:	Recombinant Protein
Immunogen:	Anti-hSNF2H Antibody was produced in mice by repeated immunization with a recombinant protein of human SNF2H.
Purity/Specificity:	Anti-hSNF2H was clarified from mouse ascitic fluid and is specific for hSNF2H.
Relevant Links:	• UniProtKB - O60264 • GenelD - 8467 • NCBI - NP_003592.3

Application Details

Tested Applications:	WB
Application Note:	Anti-hSNF2H Antibody is tested for western blot and suitable for Immunofluorescence and Immunoprecipitation. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 121.9 kDa in the appropriate cell lysate or extract.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
IF:	1:100 - 1:500
IP:	1 µg/IP
WB:	1:1,000

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	neat
Buffer:	None
Preservative:	0.05% (w/v) Sodium Azide
Stabilizer:	None

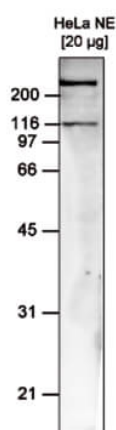
Shipping & Handling

Shipping Condition:	Dry Ice
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Storage Condition: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

Images



Western Blot

Western Blot results of mouse anti-hSNF2H antibody. Lane 1: HeLa nuclear extracts. Load: 20 µg. Primary antibody: anti-hSNF2H antibody at 1:1,000 overnight at 4°C. Secondary antibody: anti-mouse HRP at 1:10,000 for 1hr at RT. Block: TBS-Tween/5% BLOTTO.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.